

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Blissfield Cannery Site - Removal Polrep
 Final Removal Polrep



US EPA RECORDS CENTER REGION 5



431621

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V

Subject: POLREP #2
 FINAL POLREP
 Blissfield Cannery Site
 B5ZN
 Blissfield, MI
 Latitude: 41.8275050 Longitude: -83.8522990

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From: Jon Gulch, On-Scene Coordinator

Date: 2/10/2012

Reporting Period: 1/26/2012

1. Introduction

1.1 Background

Site Number:	B5ZN	Contract Number:	EP-S5-08-04
D.O. Number:	TO 41	Action Memo Date:	9/1/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/11/2011	Start Date:	10/11/2011
Demob Date:	1/26/2012	Completion Date:	1/26/2012
CERCLIS ID:	MIN000510525	RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Fund Lead Time Critical Removal Action

1.1.2 Site Description

The site consists of six contiguous parcels of land totaling approximately 35 acres. The northern portion of the site contains two former cannery buildings measuring 19,600 and 32,822 square feet; and a former automotive repair building measuring 1,876 square feet. These buildings are in various states of disrepair and have collapsed roofs and exterior walls as well as missing entry doors. Except for retention ponds south of the former cannery buildings, the remainder of the site is grass-covered land formerly used for agricultural purposes.

A gasoline service station operated on the northern portion of the site from 1916 until circa 1980's. In 1930, a building was constructed east of the gasoline station for the manufacture of septic tanks. Before 1963, an automotive repair facility operated in this building. Between 1981 and 1982 L & L Sandblasting occupied a portion of this building. Beginning in 1924 and continuing until circa 1990, cannery operations were conducted in the two larger on-site buildings. Operations included the processing and canning of tomatoes and pumpkins. Process wastewater from cannery operations was disposed of into four on-site retention ponds. From 2000 until 2010, antiques and used farm and used industrial equipment were stored and sold at the site.

1.1.2.1 Location

The site is located at 440 East Jefferson Street in Blissfield, Lenawee County, Michigan and is bordered to the north by U.S. Route 223 (Adrian Street) and East Jefferson Street, with commercial and industrial properties beyond; and to the west by residential properties. The geographic coordinates of the Site are 41.827505 north latitude by -83.852299 west longitude.

1.1.2.2 Description of Threat

Liquid samples contained chromium; 1,4 dichlorobenzene; and chlorobenzene at concentrations exceeding the 40 CFR 261.1 criteria. Therefore these samples represented hazardous waste by virtue of the characteristic of toxicity. In addition, one liquid sample exhibited a pH of less than 2 standard units (SUs), and 5 liquid samples exhibited pH levels exceeding 12.5 SUs. These samples represent hazardous wastes by virtue of the characteristic of corrosivity. One soil sample contained total arsenic at a concentration exceeding the Michigan Department of Environmental Quality (MDEQ) Part 201 Non Residential Soil Direct Contact Criterion for arsenic. Therefore, the soil associated with this sample represented a direct-contact risk.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On May 17th, 2011, U.S. EPA (EPA) mobilized to the site to conduct a removal site assessment to evaluate potential threats to the public health or

welfare or the environment posed by the Site and the need for further response actions. During the site assessment, eight liquid samples and three soil samples were collected. Site reconnaissance, documentation, conclusions, and recommendations are described in more detail in the *Blissfield Cannery Site Assessment Report* (WESTON June 20, 2011).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

On October 11, 2011, EPA mobilized its Superfund Technical Assistance and Response Team (START) and Emergency and Rapid Removal Service (ERRS) contractors to the site and performed a walk-through of the interior of the main building, former auto repair shop and the outside perimeter. EPA began the process of collecting, staging and logging drums and small containers for future sampling, in addition to establishing an area for field hazard categorization (HazCat) to be performed.

During the period of October 12-14, 2011, sampling operations were completed on all drums and containers and a field chemist inventoried and performed HazCat activities on all staged drums and containers. Waste streams were then developed and consolidation of compatible materials was conducted. Drums and containers were placed in over-packs as necessary and transferred from the interior of the site building to a secure Conex container. During all removal activities, START conducted ambient air monitoring activities both within and around the perimeter of the site for volatile organic compounds (VOC's).

On October 13 and 17, 2011, real-time field screening activities were conducted utilizing an X-Ray Fluorescence (XRF) analyzer. The focus of this screening were areas that showed elevated metals (arsenic levels above the MDEQ Part 201 non-residential soil direct contact criterion), including locations immediately east of the former auto repair shop. An area approximately 100' by 50' was excavated with an average depth of 2.0' feet below ground surface (bgs) based on elevated XRF readings.

On October 17, 2011, excavation and backfill activities were completed in this area and the site was prepared for temporary demobilization while Transportation and Disposal (T&D) activities are being coordinated. During excavation activities, START monitored for fugitive dust emissions utilizing a MIE-PDR-1500.

On January 26, 2012, US EPA, ERRS and START mobilized to the site to ship the remaining waste off site for disposal. The waste stockpile (approximately 120 tons) was loaded directly into trucks and hauled to the Adrian Landfill. A couple containers that were known to have peroxides, were stabilized by a chemist, and then repackaged for shipment. The remaining drummed material was segregated by disposal facility and loaded into a van trailer for shipment. The drummed waste was shipped to one of the following locations: EQ-Detroit, Michigan Disposal Waste Treatment Plant, Ross Incineration, or Phillips Services Corporation.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

EPA will continue investigation and determination of PRPs.

2.1.4 Progress Metrics

Disposal List.

Waste Description	UN	Hazard Class	PG	Quantity	Container	Total Quantity	Volume	Waste Code	Disposal Facility	Manifest
Waste Hypochlorite, Inorganic, NOS (Sodium Hypochlorite)	3212	5.1	II	1	DF	1	P	D001	EQ-Detroit	009593043 JJK
Waste Zinc Powder	1436	4.3 (4.2)	II	1	DF	3	P	D003, D001	Ross Incineration Services, Inc.	008410807 JJK
Waste Corrosive Liquid, Flammable, NOS	2920	8 (3)	II	1	DF	5	P	D002, D001	Ross Incineration Services, Inc.	008410807 JJK
Combustible Liquid, NOS	1993		III	1	DM	85	G	029L	Phillips Services Corporation	009593040 JJK
Waste Mercury	2809	8	III	1	DF	1	P	D009	Michigan Disposal Waste Treatment Plant	009593042 JJK
Waste Flammable Liquid, NOS	1993	3	III	2	DM	110	G	D001	EQ Detroit	008410806 JJK
Waste Corrosive Liquid, Acidic, Inorganic, NOS (Hydrochloric Acid, Sulfuric Acid)	3264	8	II	1	DF	95	G	D002	EQ Detroit	008410806 JJK
Waste Flammable Solid, Corrosive, Inorganic, NOS (Sodium Hydroxide)	3180	3 (8)	II	6	DF	1200	P	D001	EQ Detroit	008410806 JJK
Waste Corrosive Liquid, Acidic, Inorganic, NOS (Hydrochloric Acid, Sulfuric Acid)	3264	8	II	1	DF	95	G	D002, D006, D007	EQ Detroit	008410806 JJK
Waste Paint Related Material	1263	3	II	1	DM	200	P	D001	EQ Detroit	008410806 JJK
Waste Paint Related Material	1263	3	II	1	CF	300	P	D001	EQ Detroit	008410806 JJK
Waste Paint Related Material	1263	3	II	1	CF	300	P	D001	EQ Detroit	008410806 JJK
Waste Aerosols, Flammable	1960	2.1	I	1	DM		P	D001	EQ Detroit	008410806 JJK
Waste Carbon Tetrachloride	1846	6.1	II	1	DF	5	P	D019	EQ Detroit	008410806 JJK
Waste Flammable Liquid, NOS	1993	3	II	1	DM	50	P	D001	EQ Detroit	008410806 JJK
Waste Toxic Liquid, Organic, NOS (1, 4-Dichlorobenzene, Chlorobenzene)	2810	6.1	III	1	DM	85	G	D021, D027	EQ Detroit	008410806 JJK
Waste Sodium Hydroxide	1824	8	II	4	DF	172	G	D002	EQ Detroit	008410806 JJK
Waste Sodium Hydroxide, Solution	1824	8	II	3	DF	101	G	D002	EQ Detroit	008410806 JJK

Non RCRA, Non DOT Regulated Material				1	DM	85	P	029L	EQ Detroit	008410806 JJK
Non RCRA, Non DOT Regulated Material				1	DM	5	P	029L	EQ Detroit	008410806 JJK
Non RCRA, Non DOT Regulated Material				1	DF	85	P	None	EQ Detroit	008410806 JJK
Non RCRA, Non DOT Regulated Material				1	DM	50	P	021L	EQ Detroit	008410806 JJK
Waste Corrosive Liquid, Acidic, Inorganic, NOS (Hydrochloric Acid, Sulfuric Acid)	3264	8	II	1	DM	55	G	D002	EQ Detroit	008410806 JJK
Non-Haz Debris	--	--	--	1	TR	30	T	None	Adrian Landfill	712180
Non-Haz Debris	--	--	--	1	TR	30	T	None	Adrian Landfill	712181
Non-Haz Debris	--	--	--	1	TR	30	T	None	Adrian Landfill	712182
Non-Haz Debris	--	--	--	1	TR	30	T	None	Adrian Landfill	712184

R5 Priorities Summary		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	0
	Cubic yards of contaminated sediments removed and/or capped	0
	Gallons of oil/water recovered	0
	Acres of soil/sediment cleaned up in floodplains and riverbanks	0
Stand Alone Assessment	Acres Protected	10
	Number of contaminated residential yards cleaned up	0
	Human Health Exposures Avoided	20
	Number of workers on site	0

2.2 Planning Section

2.2.1 Anticipated Activities

- No further activities are anticipated.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

None

2.2.2 Issues

None

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Narrative

On September 1, 2011, an Action Memorandum was signed by the Superfund Division Director to conduct a fund-lead time-critical removal action at the site.

2.5 Other Command Staff

2.5.1 Safety Officer

OSC

2.5.2 Liaison Officer

OSC

2.5.3 Information Officer

OSC

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Village of Blissfield
Lenawee County

4. Personnel On Site

EPA-1
ERRS - 4
START - 1

5. Definition of Terms

CFR - Code of Federal Regulations
SU - Standard Units
pH - Percent Hydrogen
MDEQ - Michigan Department of Environmental Quality
U.S. EPA - United States Environmental Protection Agency
START - Superfund Technical Assistance & Response Team
WESTON - Weston Solutions, Inc
ERRS - Emergency & Rapid Removal Services
HazCat - Hazard Categorization
VOCs - Volatile Organic Compounds
XRF - X Ray Fluorescence
BGS - Below Ground Surface
PDR - Personal DataRam
T & D - Transportation & Disposal
PRPs - Potentially Responsible Parties
OSC - On Scene Coordinator
POLREP - Pollution Report
MSDS - Material Safety Data Sheets

6. Additional sources of information

6.1 Internet location of additional information/report
www.epaosc.org/Blissfield_Cannery

6.2 Reporting Schedule
POLREPS will be issued as necessary

7. Situational Reference Materials

N/A